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LAW OFFICES OF
SYNNESTVEDT & LECHNER LLP
2600 ARAMARK TOWER
1101 MARKET STREET
PHILADELPHIA, PA 19107-2950
TELEPHONE (215) 923-4466
FACSIMILE (215) 923-2189
E-MAIL synnlech@synnlech.com
www.synnlech.com

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July 31, 2002


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of J. R. Coleman, J. Jebanathirajah, F. Ferreira Group No. 1645
U.S. Application No. 10/022,025 Examiner NYA
Filed Dec. 13, 2001
Nucleic Acid Molecules and Polypeptides for Catabolism of Absciscic Acid

(Atty. Docket No. P-25,611 USA)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231, on Wednesday, July 31, 2002.


Rebecca A. Dolan

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§1.56, 1.97 AND 1.98

Sir:

The present Information Disclosure Statement is being submitted prior to the issuance of a first Action on-the-merits. Accordingly, it is believed that no fee or certification is required.

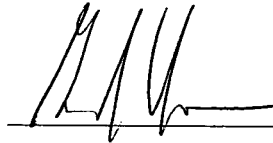
Group No. 1645
Application No. 10/022,025

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Enclosed herewith are copies of Form PTO-1449 Modified (6 sheets) and the publications listed thereon. It is requested respectfully that the Examiner initial the aforementioned sheets and return a copy of same to the undersigned upon consideration of these publications.

The Commissioner is hereby authorized to charge any fees associated with this communication to Deposit Account No. 19-5425. A duplicate of this letter is attached.

Respectfully submitted,



Gene J. Yao, Esquire
Reg. No. 47,193
Attorney for Applicants

Synnestvedt & Lechner LLP
Suite 2600
Aramark Tower
1101 Market Street
Philadelphia, PA 19107-2950
(215) 923-4466

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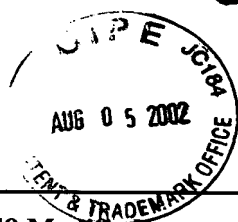
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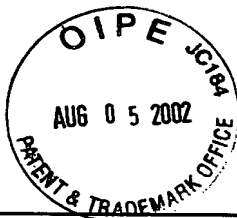


Form PTO-1449 Modified List of Patents and Publications Cited by Applicants (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. P-25,611 USA	Application No. 10/022,025
	Applicant(s) J. R. Coleman, J. Jebanathirajah, F. Ferreira	
	Filing Date Dec. 13, 2001	Group 1645

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name	Class	Subclass
	AA	5,880,328	03-09-1999	Ryals, et al.	800	298
	AB	5,876,991	03-02-1999	DeHoff, et al.	435	183
	AC	5,871,983	02-16-1999	Baltz, et al.	435	486
	AD	5,859,342	01-12-1999	Graham, et al.	800	298
	AE	5,859,337	01-12-1999	Gasser, et al.	800	298
	AF	5,858,719	01-12-1999	Hillman, et al.	435	69.1
	AG	5,851,788	12-22-1998	Fukuda, et al.	435	29
	AH	5,850,025	12-15-1998	Mirkov, et al.	800	279
	AI	5,847,258	12-08-1998	Ryals, et al.	800	301
	AJ	5,840,537	11-24-1998	Bandman, et al.	435	69.1
	AK	5,840,530	11-24-1998	Gubler, et al.	435	69.1
	AL	5,824,864	10-20-1998	Fox, et al.	800	265
	AM	5,821,096	10-13-1998	Peery, et al.	435	183
	AN	5,804,693	09-08-1998	Gaffney, et al.	800	301
	AO	5,792,851	08-11-1998	Schuster, et al.	536	23.5
	AP	5,789,202	08-04-1998	Hoskins, et al.	435	69.3
	AQ	5,786,322	07-28-1998	Barrett, et al.	514	2
	AR	5,767,375	06-16-1998	Briggs, et al.	800	290
	AS	5,767,369	06-16-1998	Ryals, et al.	800	279
	AT	5,767,075	06-16-1998	Avruch, et al.	514	2
	AU	5,763,571	06-09-1998	Avruch, et al.	530	324
	AV	5,763,211	06-09-1998	Snodgrass, et al.	435	69.1

Examiner	Date Considered
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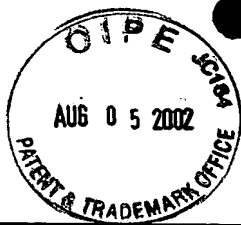
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		Filing Date Dec. 13, 2001		Group 1645		
U.S. PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Name	Class	Subclass
	BA	5,759,829	06-02-1998	Shewmaker, et al.	800	286
	BB	5,759,788	06-02-1998	Freneau, et al.	435	7.21
	BC	5,756,684	05-26-1998	Johnson, et al.	530	388.21
	BD	5,753,226	05-19-1998	Greene, et al.	424	130.1
	BE	5,750,848	05-12-1998	Kruger, et al.	800	281
	BF	5,750,653	05-12-1998	Chu, et al.	530	350
	BG	5,750,652	05-12-1998	Artavanis-Tsakonas, et al.	530	350
	BH	5,728,926	03-17-1998	Fabijanski, et al.	800	267
	BI	5,710,018	10-20-1998	Dantzig, et al.	435	69.1
	BJ	5,688,681	11-18-1997	Kim	435	335
	BK	5,688,657	11-18-1997	Tsang, et al.	435	7.23
	BL	5,684,241	11-04-1997	Nakatani, et al.	800	317.3
	BM	5,683,983	11-04-1997	Barrett, et al.	514	12
	BN	5,683,693	11-04-1997	Noelle, et al.	424	144.1
	BO	5,677,280	10-14-1997	Barrett, et al.	514	14
	BP	5,672,584	09-30-1997	Borchardt, et al.	514	11
	BQ	5,668,295	09-16-1997	Wahab, et al.	800	317.3
	BR	5,668,110	09-16-1997	Barrett, et al.	514	13
	BS	5,667,781	09-16-1997	Trowbridge, et al.	424	143.1
	BT	5,665,356	09-09-1997	De Burgh Bradley, et al.	424	153.1
	BU	5,654,276	08-05-1997	Barrett, et al.	514	13
Examiner			Date Considered			



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		Filing Date Dec. 13, 2001		Group 1645		
U.S. PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Name	Class	Subclass
	CA	5,643,873	07-01-1997	Barrett, et al.	514	12
	CB	5,612,191	03-18-1997	Briggs, et al.	435	69.1
	CC	5,591,628	01-07-1997	B.ae butted.K, et al.	435	70.21
	CD	5,563,246	10-08-1996	Krulwich, et al.	530	350
	CE	5,512,282	04-30-1996	Krivan, et al.	424	169.1
	CF	5,510,241	04-23-1996	Thorns	435	7.3
	CG	5,503,987	04-02-1996	Wagner, et al.	435	7.94
	CH	5,501,988	03-26-1996	Kobayashi, et al.	436	548
	CI	5,500,345	03-19-1996	Soe, et al.	435	7.1
	CJ	5,496,705	03-05-1996	Sugano	435	7.23
	CK	5,457,281	10-10-1995	Bridges, et al.	800	317.4
	CL	5,453,566	09-26-1995	Shewmaker, et al.	800	286
	CM	5,422,108	06-06-1995	Mirkov, et al.	424	94.61
	CN	5,365,015	11-15-1994	Grierson, et al.	800	283
	CO	5,356,799	10-18-1994	Fabijanski, et al.	800	274
	CP	5,346,815	09-13-1994	Krulwich, et al.	435	69.1
	CQ	5,316,930	05-31-1994	Loesch-Fries, et al.	800	280
	CR	5,254,800	10-19-1993	Bird, et al.	800	317.4
	CS	5,225,331	07-06-1993	Jennings, et al.	435	7.34
	CT	5,124,147	06-23-1992	Wissner, et al.	424	145.1
	CU	4,828,985	05-09-1989	Self	435	7.9
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Examiner			Date Considered			

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		Filing Date Dec. 13, 2001		Group 1645		
U.S. PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Name	Class	Subclass
	DA					
	DB					
	DC					
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	DF					
	DG					
	DH					
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	DJ					
	DK					
FOREIGN PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Country	Translation Yes No	
	DL	WO 9713843	04-17-1997	PCT		
	DM					
	DN					
	DO					
	DP					
	DQ					
	DR					
Examiner			Date Considered			



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U.S. Department of Commerce Patent and Trademark Office		Filing Date Dec. 13, 2001	Group 1645
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	EA	W. R. Pearson, et al., <i>Improved Tools for Biological Sequence Comparison</i> , PNAS 85:2444-48 (1988).	
	EB	W. R. Pearson, <i>Rapid and Sensitive Sequence Comparison with FASTP and FASTA</i> , METHODS IN ENZYMOLOGY, 183:63-98.	
	EC	A. J. Cutler, et al., <i>Formation and Breakdown of ABA</i> , TRENDS PLANT SCI, 4:472-78 (1999).	
	ED	J. Leymarie, et al., <i>Elevated CO₂ Enhances Stomatal Responses to Osmotic Stress and Abscissic Acid in Arabidopsis thaliana</i> , PLANT, CELL, AND ENVIRONMENT, 22:301-08 (1999).	
	EE	J. E. Krochko, et al., <i>(+)-Abscissic Acid 8'-hydroxylase is a Cytochrome P450 Monooxygenase</i> , PLANT PHYSIOL, 118:849-60 (1998).	
	EF	D. R. Nelson, <i>Cytochrome P450 and the Individuality of Species</i> , ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, 369:1-10 (1999).	
	EG	J. Jouzel, et al., <i>Extending the Vostok Ice-core Record of Palaeoclimate to the Penultimate Glacial Period</i> , NATURE, 364:407-12 (1993).	
	EH	M. Stitt, <i>Rising CO₂ Levels and Their Potential Significance for Carbon Flow in Photosynthetic Cells</i> , PLANT AND CELL ENVIRONMENT, 14:741-62 (1991).	
	EI	K. N. Degtyarenko, et al., <i>Molecular Evolution of P450 Superfamily and P450-Containing Monooxygenase Systems</i> . FEBS, 332:1-8 (1993).	
	EJ	J. J. Van Oosten, et al., <i>Sugar Feeding Mimics Effect of Acclimation to High CO₂-Rapid Down Regulation of RuBisCO Small Subunit Transcripts but Not of the Large Subunit Transcripts</i> , JOURNAL OF PLANT PHYSIOLOGY, 143:306-12 (1994).	
	EK	N. Majeau, et al., <i>Effect of CO₂ Concentration on Carbonic Anhydrase and Ribulose-1,5-bisphosphate Carboxylase/Oxygenase Expression in Pea</i> , PLANT PHYSIOLOGY, 112:569-74 (1996).	
	EL	S. H. Cheng, et. al, <i>Effects of Short- and Long-term Elevated CO₂ on the Expression of Ribulose-1,5-bisphosphate Carboxylase/Oxygenase Genes and Carbohydrate Accumulation in Leaves of Arabidopsis thaliana (L.) Heynh</i> , PLANT PHYSIOL, 116:715-23 (1998).	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	FA	J. Sheen, <i>Metabolic Repression of Transcription in Higher Plants</i> , PLANT CELL, 2:1027-38 (1990).	
	FB	A. Krapp, et al., <i>Regulation of the Expression of rbcS and Other Photosynthetic Genes by Carbohydrates: A Mechanism for the "Sink Regulation" of Photosynthesis</i> , PLANT JOURNAL, 3:817-28 (1993).	
	FC	J. C. Jang, et al., <i>Sugar Sensing in Higher Plants</i> , PLANT CELL, 6:1665-79 (1994).	
	FD	S. Smeekeens, <i>Sugar Regulation of Gene Expression in Plants</i> , CURR. OPIN. PLANT BIOL., 1:230-34 (1998).	
	FE	N. Halford, et al., <i>Is Hexokinase Really a Sugar Sensor in Plants?</i> , TRENDS IN PLANT SCIENCE, 4:117-19 (1999).	
	FF	S. Lalonde, et al., <i>The Dual Function of Sugar Carriers: Transport and Sugar Sensing</i> , PLANT CELL, 11:707-26 (1999).	
	FG	C. N. Stewart, et al., <i>A Rapid CTAB DNA Isolation Technique Useful for RAPD Fingerprinting and Other PCR Applications</i> , BIOTECHNIQUES, 14:748-50 (1993).	
	FH	T. C. Verwoerd, et al., <i>A Small-scale Procedure for the Rapid Isolation of Plant RNAs</i> , NUCLEIC ACIDS RES., 17:2362 (1989).	
	FI	B. P. Dilkes, et al., <i>Cloning Genes from T-DNA Tagged Mutants</i> , METHODS IN MOLECULAR BIOLOGY, 82:339-51 (1998).	
	FJ	S. Cutler, et al., <i>A Protein Farnesyl Transferase Involved in Absciscic Acid Signal Transduction in Arabidopsis</i> , SCIENCE, 273:1239-41 (1996).	
	FK	Morgan, et al., ANN. REP. MED. EHEM., 24:243-52 (1989).	
	FL	Desfeux, et al., PLANT PHYSIOLOGY, 123:895-904 (2000).	
Examiner		Date Considered	